GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: March 18, 2004, 05:41:51 ; Search time 39 Seconds
(without alignments)
883.104 Million cell updates/sec

Title: US-09-638-693-36
Perfect score: 133
Sequence: 1 QNEICLTHPITKYIMACMSA.....VIEPIVTTNWQKLEAFWHKH 133

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 1049977 seqs, 258955339 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Published_Applications_AA:*
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18: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	133	100.0	133	10	US-09-899-046-36	Sequence 36, Appl
2	133	100.0	133	10	US-09-878-281-36	Sequence 36, Appl
3	98	73.7	133	10	US-09-899-046-38	Sequence 38, Appl
4	98	73.7	133	10	US-09-899-046-40	Sequence 40, Appl
5	98	73.7	133	10	US-09-878-281-38	Sequence 38, Appl
6	98	73.7	133	10	US-09-878-281-40	Sequence 40, Appl
7	98	73.7	209	10	US-09-899-046-223	Sequence 223, App
8	98	73.7	209	10	US-09-878-281-223	Sequence 223, App
9	52	39.1	133	10	US-09-899-046-32	Sequence 32, Appl
10	52	39.1	133	10	US-09-899-046-34	Sequence 34, Appl
11	52	39.1	133	10	US-09-878-281-32	Sequence 32, Appl
12	52	39.1	133	10	US-09-878-281-34	Sequence 34, Appl
13	48	36.1	128	14	US-10-396-964-17	Sequence 17, Appl
14	41	30.8	829	9	US-09-881-239-5	Sequence 5, Appli
15	41	30.8	1099	9	US-09-881-654-4	Sequence 4, Appli
16	20	15.0	20	10	US-09-899-046-97	Sequence 97, Appl
17	20	15.0	20	10	US-09-878-281-97	Sequence 97, Appl
18	19	14.3	19	14	US-10-396-964-2	Sequence 2, Appli
19	19	14.3	95	10	US-09-899-046-30	Sequence 30, Appl
20	19	14.3	95	10	US-09-878-281-30	Sequence 30, Appl
21	19	14.3	481	10	US-09-899-046-270	Sequence 270, App
22	19	14.3	481	10	US-09-878-281-270	Sequence 270, App
23	19	14.3	484	10	US-09-899-046-198	Sequence 198, App
24	19	14.3	484	10	US-09-899-046-200	Sequence 200, App
25	19	14.3	484	10	US-09-878-281-198	Sequence 198, App
26	19	14.3	484	10	US-09-878-281-200	Sequence 200, App
27	19	14.3	1692	10	US-09-919-901-4	Sequence 4, Appli
28	19	14.3	1692	10	US-09-919-901-11	Sequence 11, Appl
29	19	14.3	1692	10	US-09-919-901-18	Sequence 18, Appl
30	19	14.3	1692	14	US-10-191-966-4	Sequence 4, Appli
31	19	14.3	1692	14	US-10-191-966-11	Sequence 11, Appl
32	19	14.3	1692	14	US-10-191-966-18	Sequence 18, Appl
33	19	14.3	2201	13	US-10-085-476-2	Sequence 2, Appli
34	19	14.3	2307	10	US-09-919-901-2	Sequence 2, Appli
35	19	14.3	2307	10	US-09-919-901-9	Sequence 9, Appli
36	19	14.3	2307	10	US-09-919-901-16	Sequence 16, Appl
37	19	14.3	2307	14	US-10-191-966-2	Sequence 2, Appli
38	19	14.3	2307	14	US-10-191-966-9	Sequence 9, Appli
39	19	14.3	2307	14	US-10-191-966-16	Sequence 16, Appl
40	19	14.3	2985	14	US-10-259-275-40	Sequence 40, Appl
41	18	13.5	20	10	US-09-899-046-99	Sequence 99, Appl
42	18	13.5	20	10	US-09-878-281-99	Sequence 99, Appl
43	18	13.5	1985	14	US-10-259-275-42	Sequence 42, Appl
44	18	13.5	2201	13	US-10-029-907-3	Sequence 3, Appli
45	18	13.5	2201	14	US-10-309-561-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-09-899-046-36
; Sequence 36, Application US/09899046
; Publication No. US20030008274A1
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,046
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/362,455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-899-046-36

Query Match 100.0%; Score 133; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 1e-120;
Matches 133; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
Db 1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60

Qy 61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFKGKVLGLLQRATQQQAVIEPIVT 120

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Db         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFKGKVLGLLQRATQQQAVIEPIVT 120

Qy        121 TNWQKLEAFWHKH 133
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Db        121 TNWQKLEAFWHKH 133


RESULT 2
US-09-878-281-36
; Sequence 36, Application US/09878281
; Publication No. US20030032005A1
;  GENERAL INFORMATION:
;    APPLICANT:
;    TITLE OF INVENTION:  New sequences of hepatitis C virus
;    TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;    NUMBER OF SEQUENCES:  270
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/878,281
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/362,455
;      FILING DATE:
;  INFORMATION FOR SEQ ID NO:  36:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  133 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-878-281-36

  Query Match             100.0%;  Score 133;  DB 10;  Length 133;
  Best Local Similarity   100.0%;  Pred. No. 1e-120;
  Matches  133;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60

Qy         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFKGKVLGLLQRATQQQAVIEPIVT 120
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFKGKVLGLLQRATQQQAVIEPIVT 120

Qy        121 TNWQKLEAFWHKH 133
              |||||||||||||
Db        121 TNWQKLEAFWHKH 133


RESULT 3
US-09-046-38
; Sequence 38, Application US/09899046
; Publication No. US20030008274A1
;  GENERAL INFORMATION:
;    APPLICANT:
;    TITLE OF INVENTION:  New sequences of hepatitis C virus
;    TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;    NUMBER OF SEQUENCES:  270
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/899,046
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/362,455
;      FILING DATE:
;  INFORMATION FOR SEQ ID NO:  38:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  133 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-899-046-38

  Query Match             73.7%;  Score 98;  DB 10;  Length 133;
  Best Local Similarity   100.0%;  Pred. No. 7.4e-87;
  Matches   98;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60

Qy         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
              ||||||||||||||||||||||||||||||||||||||
Db         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98


RESULT 4
US-09-899-046-40
; Sequence 40, Application US/09899046
; Publication No. US20030008274A1
;  GENERAL INFORMATION:
;    APPLICANT:
;    TITLE OF INVENTION:  New sequences of hepatitis C virus
;    TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;    NUMBER OF SEQUENCES:  270
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/899,046
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/362,455
;      FILING DATE:
;  INFORMATION FOR SEQ ID NO:  40:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  133 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-899-046-40

  Query Match             73.7%;  Score 98;  DB 10;  Length 133;
  Best Local Similarity   100.0%;  Pred. No. 7.4e-87;
  Matches   98;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60

Qy         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
              ||||||||||||||||||||||||||||||||||||||
Db         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98


RESULT 5
US-09-878-281-38
; Sequence 38, Application US/09878281
; Publication No. US20030032005A1
;  GENERAL INFORMATION:
;    APPLICANT:
;    TITLE OF INVENTION:  New sequences of hepatitis C virus
;    TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;    NUMBER OF SEQUENCES:  270
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
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Qy          61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
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Db         137 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 174


RESULT 9
US-09-899-046-32
; Sequence 32, Application US/09899046
; Publication No. US20030008274A1
;  GENERAL INFORMATION:
;    APPLICANT:
;    TITLE OF INVENTION:  New sequences of hepatitis C virus
;    TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;    NUMBER OF SEQUENCES:  270
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/899,046
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/362,455
;      FILING DATE:
;  INFORMATION FOR SEQ ID NO:  32:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  133 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-899-046-32

  Query Match             39.1%;  Score 52;  DB 10;  Length 133;
  Best Local Similarity   100.0%;  Pred. No. 2.4e-42;
  Matches   52;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          11 TKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 62
               ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          11 TKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 62


RESULT 10
US-09-899-046-34
; Sequence 34, Application US/09899046
; Publication No. US20030008274A1
;  GENERAL INFORMATION:
;    APPLICANT:
;    TITLE OF INVENTION:  New sequences of hepatitis C virus
;    TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;    NUMBER OF SEQUENCES:  270
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/899,046
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/362,455
;      FILING DATE:
;  INFORMATION FOR SEQ ID NO:  34:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  133 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-899-046-34

  Query Match             39.1%;  Score 52;  DB 10;  Length 133;
  Best Local Similarity   100.0%;  Pred. No. 2.4e-42;
  Matches   52;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          11 TKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 62
               ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          11 TKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 62


RESULT 11
US-09-878-281-32
; Sequence 32, Application US/09878281
; Publication No. US20030032005A1
;  GENERAL INFORMATION:
;    APPLICANT:
;    TITLE OF INVENTION:  New sequences of hepatitis C virus
;    TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;    NUMBER OF SEQUENCES:  270
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/878,281
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/362,455
;      FILING DATE:
;  INFORMATION FOR SEQ ID NO:  32:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  133 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-878-281-32

  Query Match             39.1%;  Score 52;  DB 10;  Length 133;
  Best Local Similarity   100.0%;  Pred. No. 2.4e-42;
  Matches   52;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          11 TKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 62
               ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          11 TKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 62


RESULT 12
US-09-878-281-34
; Sequence 34, Application US/09878281
; Publication No. US20030032005A1
;  GENERAL INFORMATION:
;    APPLICANT:
;    TITLE OF INVENTION:  New sequences of hepatitis C virus
;    TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;    NUMBER OF SEQUENCES:  270
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/878,281
;      FILING DATE:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/362,455
;      FILING DATE:
;  INFORMATION FOR SEQ ID NO:  34:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  133 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  protein
US-09-878-281-34

  Query Match             39.1%;  Score 52;  DB 10;  Length 133;
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;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/09/878,281
;       FILING DATE:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  08/362,455
;       FILING DATE:
;   INFORMATION FOR SEQ ID NO:  38:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  133 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-09-878-281-38

  Query Match             73.7%;  Score 98;  DB 10;  Length 133;
  Best Local Similarity   100.0%;  Pred. No. 7.4e-87;
  Matches   98;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60

Qy         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
              |||||||||||||||||||||||||||||||||||||
Db         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98


RESULT 6
US-09-878-281-40
; Sequence 40, Application US/09878281
; Publication No. US20030032005A1
; GENERAL INFORMATION:
;     APPLICANT:
;     TITLE OF INVENTION:  New sequences of hepatitis C virus
;     TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;     NUMBER OF SEQUENCES:  270
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/09/878,281
;       FILING DATE:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  08/362,455
;       FILING DATE:
;   INFORMATION FOR SEQ ID NO:  40:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  133 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-09-878-281-40

  Query Match             73.7%;  Score 98;  DB 10;  Length 133;
  Best Local Similarity   100.0%;  Pred. No. 7.4e-87;
  Matches   98;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60

Qy         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
              |||||||||||||||||||||||||||||||||||||
Db         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98


RESULT 7
US-09-899-046-223
; Sequence 223, Application US/09899046
; Publication No. US20030008274A1
; GENERAL INFORMATION:
;     APPLICANT:
;     TITLE OF INVENTION:  New sequences of hepatitis C virus
;     TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;     NUMBER OF SEQUENCES:  270
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/09/899,046
;       FILING DATE:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  08/362,455
;       FILING DATE:
;   INFORMATION FOR SEQ ID NO:  223:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  209 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-09-899-046-223

  Query Match             73.7%;  Score 98;  DB 10;  Length 209;
  Best Local Similarity   100.0%;  Pred. No. 1.1e-86;
  Matches   98;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         77 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 136

Qy         61 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
              |||||||||||||||||||||||||||||||||||||
Db        137 PAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 174


RESULT 8
US-09-878-281-223
; Sequence 223, Application US/09878281
; Publication No. US20030032005A1
; GENERAL INFORMATION:
;     APPLICANT:
;     TITLE OF INVENTION:  New sequences of hepatitis C virus
;     TITLE OF INVENTION:  genotypes for diagnosis, prophylaxis and therapy.
;     NUMBER OF SEQUENCES:  270
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/09/878,281
;       FILING DATE:
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  08/362,455
;       FILING DATE:
;   INFORMATION FOR SEQ ID NO:  223:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  209 amino acids
;       TYPE:  amino acid
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  protein
US-09-878-281-223

  Query Match             73.7%;  Score 98;  DB 10;  Length 209;
  Best Local Similarity   100.0%;  Pred. No. 1.1e-86;
  Matches   98;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 60
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         77 QNEICLTHPITKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGK 136
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  Best Local Similarity   100.0%;  Pred. No. 2.4e-42;
  Matches   52;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         11 TKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 62
              ||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         11 TKYIMACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 62


RESULT 13
US-10-396-964-17
; Sequence 17, Application US/10396964
; Publication No. US20030198946A1
;  GENERAL INFORMATION:
;    APPLICANT:  Simmonds, Peter
;    APPLICANT:  Chan, Shiu-Wan
;    APPLICANT:  Yap, Peng L.
;    TITLE OF INVENTION:  Hepatitis-C Virus Testing
;    NUMBER OF SEQUENCES:  53
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Bell, Seltzer, Park & Gibson, P.A.
;      STREET:  1211 East Morehead Street
;      CITY:  Charlotte
;      STATE:  No. US20030198946A1th Carolina
;      COUNTRY:  United States
;      ZIP:  28234
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0. Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/10/396,964
;      FILING DATE:  23-MARCH-2003
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/244,116B
;      FILING DATE:  15-JUL-1994
;      CLASSIFICATION:
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  PCT/GB92/02143
;      FILING DATE:  20-NOV-1992
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Sibley, Kenneth D.
;      REGISTRATION NUMBER:  31,665
;      REFERENCE/DOCKET NUMBER:  1749-125
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  704-377-1561
;      TELEFAX:  704-334-2014
;  INFORMATION FOR SEQ ID NO:  17:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  128 amino acids
;      TYPE:  amino acid
;      STRANDEDNESS:
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  peptide
;    HYPOTHETICAL:  yes
;    FRAGMENT TYPE:  internal
;    ORIGINAL SOURCE:
;      ORGANISM:  Hepatitis-C virus
US-10-396-964-17

  Query Match             36.1%;  Score 48;  DB 14;  Length 128;
  Best Local Similarity   100.0%;  Pred. No. 1.7e-38;
  Matches   48;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         15 MACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 62
              ||||||||||||||||||||||||||||||||||||||||||||||||
Db          9 MACMSADLEVTTSTWVLLGGVLAALAAYCLSVGCVVIVGHIELGGKPA 56


RESULT 14
US-09-881-239-5
; Sequence 5, Application US/09881239
; Publication No. US20020192639A1
; GENERAL INFORMATION:
;  APPLICANT: CHIEN, David Y.
;  APPLICANT:  ARCANGEL, Phillip
;  APPLICANT:  TANDESKE, Laura
;  APPLICANT:  GEORGE-NASCIEMENTO, Carlos
;  APPLICANT:  COIT, Doris
;  APPLICANT:  MEDINA-SELBY, Angelica
;  TITLE OF INVENTION: HCV ANTIGEN/ANTIBODY COMBINATION ASSAY
;  FILE REFERENCE: 2302-16073 / PP16073.003
;  CURRENT APPLICATION NUMBER: US/09/881,239
;  CURRENT FILING DATE:  2001-06-14
;  NUMBER OF SEQ ID NOS: 8
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
;   LENGTH: 829
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:  MEFA 12
US-09-881-239-5

  Query Match             30.8%;  Score 41;  DB 9;  Length 829;
  Best Local Similarity   100.0%;  Pred. No. 5.4e-31;
  Matches   41;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         58 GGKPAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
              |||||||||||||||||||||||||||||||||||||||||
Db        444 GGKPAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 484


RESULT 15
US-09-881-654-4
; Sequence 4, Application US/09881654
; Patent No. US20020146685A1
; GENERAL INFORMATION:
;  APPLICANT: CHIEN, David Y.
;  APPLICANT:  ARCANGEL, Phillip
;  APPLICANT:  TANDESKE, Laura
;  APPLICANT:  GEORGE-NASCIEMENTO, Carlos
;  APPLICANT:  COLT, Doris
;  APPLICANT:  MEDINA-SELBY, Angelica
;  TITLE OF INVENTION: IMMUNOASSAYS FOR ANTI-HCV ANTIBODIES
;  FILE REFERENCE: 2302-17039 / PP17039.002
;  CURRENT APPLICATION NUMBER: US/09/881,654
;  CURRENT FILING DATE:  2001-06-14
;  PRIOR APPLICATION NUMBER: 60/212,082
;  PRIOR FILING DATE: 2000-06-15
;  PRIOR APPLICATION NUMBER: 60/280,811
;  PRIOR FILING DATE: 2001-04-02
;  PRIOR APPLICATION NUMBER: 60/280,867
;  PRIOR FILING DATE: 2001-04-02
;  NUMBER OF SEQ ID NOS: 7
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
;   LENGTH: 1099
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:  MEFA 7.1
US-09-881-654-4

  Query Match             30.8%;  Score 41;  DB 9;  Length 1099;
  Best Local Similarity   100.0%;  Pred. No. 6.9e-31;
  Matches   41;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         58 GGKPAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 98
              |||||||||||||||||||||||||||||||||||||||||
Db        748 GGKPAIVPDKEVLYQQYDEMEECSQAAPYIEQAQVIAHQFK 788


Search completed: March 18, 2004, 05:47:26
Job time : 40 secs
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